

What Is Claimed Is:

1. A device for measuring pressure, in particular for measuring high pressure, comprising a pressure sensor (10) situated in a sensor housing (1), the sensor housing (1) having a first sensor housing part (3) provided with a pressure connecting piece (4) and a second sensor housing part (2) provided with an electric terminal (23), wherein the second sensor housing part (2) is attached to the first sensor housing part (3) by a connecting part (6) situated between the first sensor housing part (3) and the second sensor housing part (2).
2. The device as recited in Claim 1, wherein the connecting part (6) is a punch bent part, deep-drawn part, or thin-walled tubular part.
3. The device as recited in Claim 1, wherein the first sensor housing part (3) has a plate-shaped base part (37) having a first surface (33), a second surface (32) parallel to it, and a circumferential wall (34) which is suitable for applying a wrench and is preferably formed in the shape of a hexagon, the connecting piece (4) being situated on the base part (37), protruding from the second surface (32).
4. The device as recited in one of Claims 1 through 3, wherein a circumferential, preferably circular section (63) of the connecting part (6) is welded to a surface (33) of the first sensor housing part (3).
5. The device as recited in one of Claims 1 through 4, wherein the connecting part (6) is attached to the second sensor housing part, using a flange (Figure 1).
6. The device as recited in Claim 5, wherein a circumferential groove (62), which engages the front face of a circumferential housing wall (22) of the second sensor housing part (2), is formed on the connecting part (6).

7. The device as recited in one of Claims 1 through 4, wherein the second sensor housing part (2) is made of plastic and preferably manufactured as an injection molded part, and a section (65) of the connecting part (6) is secured in position in the plastic of the second sensor housing part (3) and a further connecting-part section (69) provided for connection to the first sensor housing part (3) protrudes from the second sensor housing part. (Figure 3)
8. The device as recited in one of the preceding claims, wherein a circumferential sealing adhesive (66) or a gasket is situated between the second sensor housing part (2) and the connecting part (6).
9. The device as recited in one of the preceding claims, wherein the pressure sensor is formed by a pressure measuring cell (100) which is welded to the connecting piece (4) and is electrically connected to a printed-circuit board (7) situated on the first sensor housing part (3), via bonding wires, the pressure measuring cell (100) being at least partially situated in a passage (31) in the first sensor housing part (3).
10. The device as recited in one of the preceding claims, wherein the connecting part (6), together with the first sensor housing part (3), forms an enclosed EMC space except for the openings (65b), electrical terminal elements (8) being guided to the outside through the openings (65b).